

## Duties of Attendant

- The attendants attached to school health team assist in carrying the reports and records from school to various places.
- He helps the nurse in transporting the weighing scale and other equipments when and where required.
- He maintains the cleanliness of school clinics.

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## **Medical Inspection Of school Children**

Inspection schedule of school children should be notified in advanced so that parents can send their children for inspection.

Presence of parents help the MO in a successful Examination giving the confidence to child.

Before examination school health nurse has already recorded the height weight eye tests.etc.

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MO examine Ear, Nose and Throat resp. system  
Chest measurement any deafness usually examined.  
MO should also inspect the play grounds, water  
storage, there should one toilet for 50 students,  
ventilation, class room of the children.

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## Records

- Planning of medical inspection
- Intimation cards to parents
- Medical inspection card
- Health habit card

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## ROLE OF RESEARCH:

- Teaching is sterile with out research. School offers the best opportunities for an observational study.
- A few problems studied in school health set up in karachi / shows interesting findings.

### 1. DIPHTHERIA:

- D.M.R – For Last 12 Years Was On Increase

### 2. PARASITES:

- Stool examined for 5,800 samples.
- Mixed pathology 43.9 % parasites of any kind.
- 21 samples showed ascariasis.

### 3) ABSENTEEISM STUDY: 72 % due to Sickness

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## Recommendation

After studying the local food habit of the community, the school meal program should be organized with the collaboration of the school teacher as it has been observed that most of the community don't take balance diet so the deficiency of vitamins A and C should be advised by taking the fruits similarly anemic child also advised the iron supplements.

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## Accidents prevention

With the co-operation of school teachers and local police the children are given simple instruction regarding the prevention of accidents like lessons about getting into the buses, alighting the bus, crossing the road.

These instructions should be organized by gathering students teachers and all school staffs not only by presentation but also by showing the movies which help in accidents prevention.



## Common Diseases involving school Children

Diseases	Elusion of infected Child	Exclusion of contacts.
<b>Cholera</b>	Until stool is free from v.cholra	5 days from discharge from hospital
<b>Diphtheria</b>	Un-till three throat examinations free from diphtheria bacilli	7 days from contact
<b>Measles</b>	14 days after appearance of rash	21 days from onset of the last case
<b>Chicken pox.</b>	Un-till scabs are off	Not required.
<b>Small pox</b>	Un-till physician declared free from disease.	21 days unless successfully vaccinated
<b>Mumps</b>	Un-till swelling subsides	Not required.
<b>Whooping cough</b>	4 weeks after first whoop	21 days for all except those who had the disease.
<b>Tuberculosis</b>	Exclusion considered only in open cases un-till sputum become -ve	Not required.
<b>Scabies</b>	Not required it treatment in school or family doctor is given	Not required.
<b>Trachoma</b>	Un-till certified as cured	Not required



## CAUSES OF SICKNESS IN

### ➤ BOYS:

- Tonsillitis
- Bowel disorders
- Res. Diseases like
- Bronchitis, pneumonia, pharyngitis.

### ➤ GIRLS:

- P.U.O
- ENT disorders
- Bowel disorders
- Dysmenorrheal.

### ➤ TIGATION OF HEIGHT / WEIGHT FOR PRIVATE

- School observation was noted in children of higher socio-economic group.

### ➤ DENTAL CARIES:

- D.M.F. Teeth rate was more than 50 %

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## Functions Of School Health Services

### Medical inspection.

1. Detection & correction of defects
2. Nutritional defects / correction. School meal program
3. Defects of vision, dental & auditory through hospital by prior appointment
4. Follow up service
5. Treatment of minor ailments
6. C.D.C (Communicable Disease control)
7. Detection Of Case Of Communicable
8. Informing the parents about students ailments.

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- 9). Environmental sanitation
- 10). Health education
- 11). Accident prevention
- 12). Co-ordination in physical training
- 13). P.T.Meeting
- 14). Referral of abnormal cases to hospital
- 15). Training of teachers
- 16).Action of detection of a case of infectious disease:

## ROLE OF SCHOOL TEACHER

### Key role

- Central in position
- First observer
- Grading of students
- In attentiveness
- Provision of FIRST AID
- Delivering of lecture in hygiene class

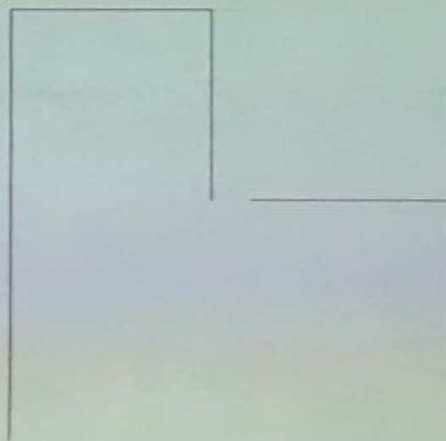
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- Either himself vaccination / in absence of M.O
- Or requests the authorities for vaccinator.
- Reports on health / education to parents
- Supervision of environmental Hygiene
- Demonstration on nutrition
- To attend P.T.M
- Active participation in school meal service
- Active participation also in physical Training

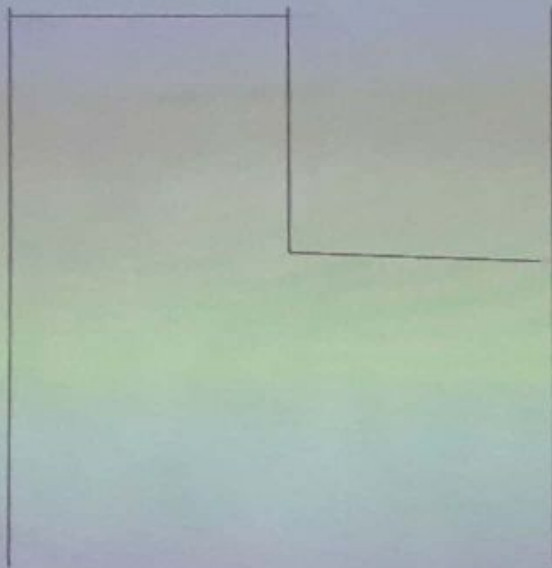
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**Plus Desk:-** A vertical line drawn from the edge of the desk fall outside of the edge of the chair.



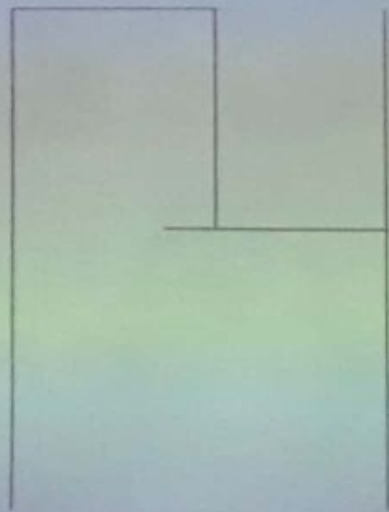
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Zero Desk:- A vertical line drawn from the edge of desk touches the edge of the seat



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**Minus Desk:-** Vertical line drawn from the edge of desk fall on the seat



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## Desk recommendation

The recommended desk is Minus or Zero type because the child may be in the position of erect with his back so that child may keep a proper distance from desk to his eyes and postural deformities like kyphosis and scoliosis may be prevented.

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## MBBS Third Professional Community Medicine (SEQs) Annual – 2009

■ A School Purchased furniture for a new section of class four. After a month the school medical officer noticed that many pupils of this section had complaints of backache and eye strain:

a) What type of desks has been there in this class ? (01)

Answer: Plus type of desk.

a) List 8 objectives of school health services. (04)

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- ▣ 1) Label the above diagram (03)
- ▣ 2) Which type is the best option for Physical Health of Students?

▣ Key:

- ▣ 1) a- Zero (Best)
- ▣ b- Minus(Also recommended)
- ▣ c- Plus (Not recommended)

b/c : It Creates:-

- ▣ Scoliosis
- ▣ Kyphosis
- ▣ Eye-strain
- ▣ Backache

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